

BRUX: A New EPN and IGS Reference Station in Brussels

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On Feb. 14, 2012, after more than 19 years, the Royal Observatory of Belgium (ROB) had to decommission its EPN/IGS station BRUS (Brussels, Belgium). A new station, BRUX, located about 100 m from BRUS, was installed in 2006 in order to replace the original station.

Compared to BRUS, BRUX has improved performance thanks to better visibility and equipment and enhanced multipath mitigation. In addition, its antenna has been calibrated by the University of Bonn. The tie BRUS-BRUX has been measured with both terrestrial measurements as GPS.